



SDI Review Form 1.6

Journal Name:	International Journal of Biochemistry Research & Review
Manuscript Number:	2013_IJBcRR_7201
Title of the Manuscript:	Effects of Aegopodium podagraria Preparations on the Metabolic Disorders Induced in Rats by Excess Fructose Combined with Hydrochlorothiazide: the Relationship Between Influence on Electrolyte and Carbohydrate Metabolism
Type of the Article	Original Research Article

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound.

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(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<u>Compulsory</u> REVISION comments	The present work has investigated the relationship between influence of herbal drug <i>A. podagraria</i> extract on electrolyte, carbohydrate and purine metabolism. In my opinion, the topic is important, and the paper is also well written. Anyway, I hope this MS can be improved in two aspects: 1、 if the chemicals in the extract can be identified by analytical chemistry method? 2、 Or at least the most abundant chemicals can be provided. As we know, the mixture is too complex and is difficult to understand why it is effective or not.	I would like to thank sincerely for the professional and rapid review of the article. I have considered your comments and made changes to the revised manuscript (changes are highlighted in yellow colour). 1. The data concerning methods of chemical analysis of <i>A. podagraria</i> raw material were added to the introduction section 2. The interpretation was supplemented with the information about the possible relationship between chemical composition of the studied drugs and their pharmacological activity (two necessary references added). In the present work we mostly addressed potassium content as the possible reason of the differences in activity of <i>A. podagraria</i> drugs still the issue you have raised is of special interest for our department. The dissertation dedicated to this problem is being completed now by our collaborator and groups of biologically active compounds (such as protein polysaccharide complex) and flavonoid trifolin have appeared to be important for the nephro-, hepatoprotective and hypouricemic activity of goutweed. Still the analogical investigation is needed in the field of <i>A. podagraria</i> influence on carbohydrate material and we will consider it in future. Thank you for the contribution that has helped to clarify the important aspects within this article. I look forward to receiving your reply.
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		